R1>

R1>

R1>en

R1#configure t

R1(config)#rou

R1(config)#router ei

R1(config)#router eigrp 100

R1(config-router)#no auto-summary

R1(config-router)#network 192.168.10.0

R1(config-router)#network 192.168.20.0

Enter configuration commands, one per line. End with CNTL/Z.

R2(config)#rou

R2(config)#router eig

R2(config)#router eigrp 100

R2(config-router)#ne

R2(config-router)#net

R2(config-router)#network 192.168.20.0

R2(config-router)#

%DUAL-5-NBRCHANGE: IP-EIGRP 100: Neighbor 192.168.20.1 (GigabitEthernet0/0/0) is up: new adjacency

R2(config-router)#network 192.168.30.0

R2(config-router)#network 192.168.60.0

R2(config-router)#no au

R2(config-router)#no auto-summary

R3>en

R3#configure t

Enter configuration commands, one per line. End with CNTL/Z.

R3(config)#router eigrp 100

R3(config-router)#net

R3(config-router)#network 192.168.30.0

R3(config-router)#

%DUAL-5-NBRCHANGE: IP-EIGRP 100: Neighbor 192.168.30.1 (GigabitEthernet0/0/0) is up: new adjacency

R3(config-router)#network 192.168.40.0

R3(config-router)#no auto-summary

R4>en

R4#conf t

Enter configuration commands, one per line. End with CNTL/Z.

R4(config)#rou

R4(config)#router eig

R4(config)#router eigrp 100

R4(config-router)#net

R4(config-router)#network 192.168.40.0

R4(config-router)#

%DUAL-5-NBRCHANGE: IP-EIGRP 100: Neighbor 192.168.40.1 (GigabitEthernet0/0/0) is up: new adjacency

R4(config-router)#network 192.168.50.0

R4(config-router)#network 192.168.70.0

R4(config-router)#

5>en

R5#con

R5#conf

R5#configure t

Enter configuration commands, one per line. End with CNTL/Z.

R5(config)#rou

R5(config)#router ei

R5(config)#router eigrp 100

R5(config-router)#net

R5(config-router)#network 192.168.60.0

R5(config-router)#

%DUAL-5-NBRCHANGE: IP-EIGRP 100: Neighbor 192.168.60.2 (GigabitEthernet0/0/1) is up: new adjacency

R5(config-router)#network 192.168.50.0

R5(config-router)#

%DUAL-5-NBRCHANGE: IP-EIGRP 100: Neighbor 192.168.50.1 (GigabitEthernet0/0/0) is up: new adjacency

R6>en

R6#conf t

Enter configuration commands, one per line. End with CNTL/Z.

R6(config)#rou

R6(config)#router eig

R6(config)#router eigrp 100

R6(config-router)#net

R6(config-router)#network 192.168.70.0

R6(config-router)#

%DUAL-5-NBRCHANGE: IP-EIGRP 100: Neighbor 192.168.70.1 (GigabitEthernet0/0/0) is up: new adjacency

R6(config-router)#network 192.168.80.0

R6(config-router)#

EIGRP can only upto 255 routers.